IN THE CLAIMS

The claims of the present application are set forth below, amended as shown by the markings.

Claims 1 - 15 (Cancelled)

16. (Currently Amended) A method for signature-by-signature editing of print data, comprising the steps of:

editing the print data for printing on a recording medium at least one sheet in a logical page sequence corresponding to at least one signature, said at least one signature forming a section of a printed product and including a plurality of pages;

defining at least one parameter of said [[a]] recording medium on which the print data are printed and that is relevant for a position of a print image on the recording medium folded in signatures;

implementing a position correction of the respective print image on the pages before printing dependent on said at least one parameter; and

computationally simulating folds of said recording medium at least one sheet needed for producing said at least one signature with assistance of a computer program so that the print images of successive pages of the folded signature lie exactly registered above one another, the folds ensue in two directions perpendicular to one another, and said position correction ensues in the two directions perpendicular to one another, the print data being provided on said recording medium a web-shaped carrier, said step of computationally simulating performing simulating of the folds of the signature for said position correction; and

calculating correction values for the print image of a page from an influence of each fold on a print image of at least one page;

said simulating step simulating the folds for said position correction page-by-page with ascending or descending page number, and

forming pairs of successive page numbers that due to the signatures at least one of:
come to lie on one another as a result of a fold, and
between which a fold is provided due to the signature.

17. (Currently Amended) A method according to claim 16, further comprising the steps of:

carrying out a successive check out to see whether a physical fold of <u>said recording medium</u> ~~the sheet~~ is possible as a result whereof the pages of a page pair of successive pages are arranged in reading sequence after <u>said recording medium</u> ~~the sheet~~ is folded to form the signature; and

implementing a data-oriented fold when a fold is possible and entering the page pair in a list when a physical fold cannot be implemented.

18. (Previously Presented) A method according to claim 17, further comprising the step of:

processing page pairs present in the list with priority over other page pairs until a non-foldable page pair in the list is processed.

19. (Previously Presented) A method according to claim 16, wherein said parameter is a thickness of the recording medium.

Claim 20. (Cancelled)

21. (Currently Amended) A printing system, comprising:

at least one computer; and

a printer device connected to said at least one computer for implementing steps of:

editing the print data for printing on <u>a recording medium</u> ~~at least one sheet~~ in a logical page sequence corresponding to at least one signature, said at least one signature forming a section of a printed product and including a plurality of pages;

defining at least one parameter of a recording medium on which the print data are printed and that is relevant for a position of a print image on the recording medium folded in signatures;

implementing a position correction of the respective print image on the pages before printing dependent on said at least one parameter; and

computationally simulating folds of said <u>recording medium</u> ~~at least one sheet~~ needed for producing said at least one signature with assistance of a computer program so that the print images of successive pages of the folded signature lie exactly registered above one another, the folds ensue in two directions perpendicular to one another, said simulating folds being implemented page by page , and

said position correction ensues in the two directions perpendicular to one another, the print data being provided on <u>said recording medium</u> ~~a web-shaped carrier~~.

22. (Currently Amended) A printing system according to claim 21, further comprising:
at least one post-processing device that at least one of cuts and folds and binds said [[a]] recording medium printed by said printer device to form a printed product.

23. (Previously Presented) A printing system according to claim 22, wherein binding ensues in signatures.

24. (Currently Amended) A computer program product for implementing steps of:
editing the print data for printing on a recording medium at least one sheet in a logical page sequence corresponding to at least one signature, said at least one signature forming a section of a printed product and including a plurality of pages;
defining at least one parameter of a recording medium on which the print data are printed and that is relevant for a position of a print image on the recording medium folded in signatures;
implementing a position correction of the respective print image on the pages before printing dependent on said at least one parameter; and
computationally simulating folds of said at least one sheet needed for producing said at least one signature with assistance of a computer program so that the print images of successive pages of the folded signature lie exactly registered above one another, the folds ensue in two directions perpendicular to one another, and said position correction ensues in the two directions perpendicular to one another, said simulating folds being implemented page by page in ascending or descending page sequence, the print data being provided on said recording medium a web-shaped carrier.

25. (Previously Presented) A computer program product according to claim 24, further comprising:
at least one of a data carrier and a datafile and a computer program module and a command sequence and a signal sequence.

26. (Currently Amended) A computer on which a computer program product is loaded to perform the steps of:
editing the print data for printing on a recording medium at least one sheet in a logical page sequence corresponding to at least one signature, said at least one signature forming a section of a printed product and including a plurality of pages;

defining at least one parameter of <u>said</u> [[a]] recording medium on which the print data are printed and that is relevant for a position of a print image on the recording medium folded in signatures;

implementing a position correction of the respective print image on the pages before printing dependent on said at least one parameter; and

computationally simulating folds of said <u>recording medium</u> ~~at least one sheet~~ needed for producing said at least one signature with assistance of a computer program so that the print images of successive pages of the folded signature lie exactly registered above one another, the folds ensue in two directions perpendicular to one another, and said position correction ensues in the two directions perpendicular to one another, said simulating folds being implemented page by page in ascending or descending page sequence, the print data being provided on <u>said recording medium</u> ~~a web-shaped carrier~~.